

Sanitary Sewer Overflow (SSO) Consent Decree Update

Commission Meeting
January 17, 2018

Strategic Priorities

- Improve Infrastructure
- Protect Our People, Infrastructure, Systems, and Resources

Schedule Update

Roads Work by Basin

- 135 Construction Task Orders (CTO)
 - 131.4 miles awarded for construction
 - 130.35 (99%) miles rehabilitated as of November 30, 2017

Sligo Creek	100%		Western Branch	100%
Cabin John	98%	→ 98%	Mattawoman	100%
Paint Branch	100%		Northwest Branch	99% → 99%
Lower Anacostia	98%	→ 98%	Horsepen Branch	100%
Beaverdam	100%		Northeast Branch	95% → 95%
Seneca Creek	99%	→ 99%	Oxon Run	98% → 98%
Dulles Interceptor	100%		Rock Creek	100%
Muddy Branch	100%		Rock Run	100%
Broad Creek	100%		Little Falls	99% → 99%
Piscataway	99%	→ 99%	Watts Branch	100%
Parkway	99%	→ 99%		

Schedule Update

Environmentally Sensitive Area (ESA)

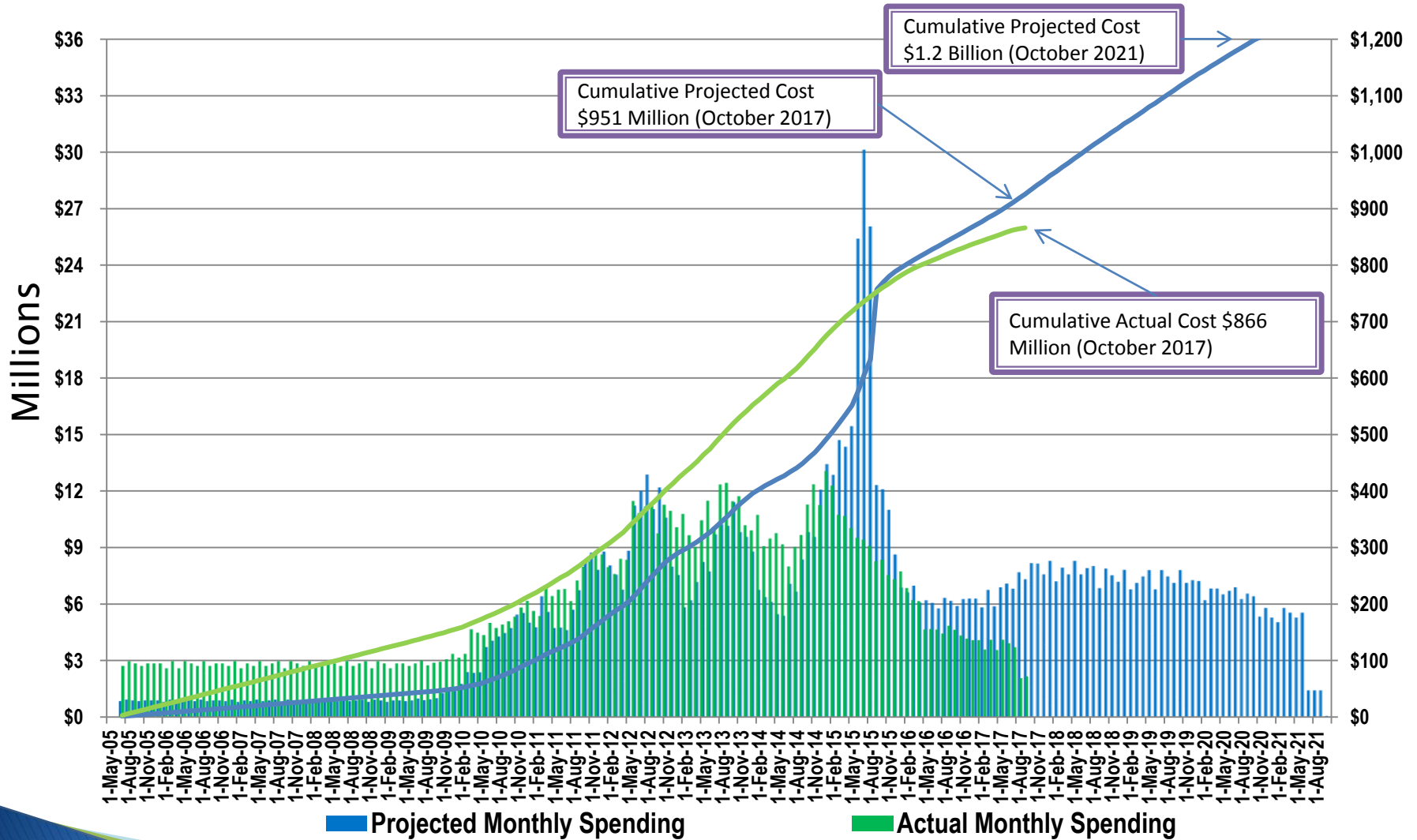
Work by Basin

- ESA includes a total of 249 CTOs
 - 235 (94%) CTOs issued for construction
- ESA includes a total of 156.38 miles
 - 150.96 (97%) miles awarded for construction
 - 108.50 (69%) miles rehabilitated as of November 30, 2017.

Rock Run	69%	→	78%	Muddy Branch	69%	→	69%
Paint Branch	63%	→	74%	Western Branch	74%	→	74%
Beaverdam	97%	→	98%	Seneca Creek	94%	→	97%
Piscataway	85%	→	86%	Watts Branch	45%	→	46%
Rock Creek	92%	→	92%	Parkway	21%	→	41%
Sligo Creek	87%	→	87%	Oxon Run	51%	→	51%
Cabin John	93%	→	93%	Horsepen Branch			100%
Northeast Branch	64%	→	64%	Dulles Interceptor			100%
Lower Anacostia	90%	→	90%	Mattawoman			100%
Northwest Branch	74%	→	74%	Monocacy			100%
Broad Creek	88%	→	88%	Patuxent North			100%
Little Falls	46%	→	46%	Patuxent Center			100%

Consent Decree Costs

Article 6 – Design and Construction Costs



Figures as of October 31, 2017

Consent Decree Costs

Description	Projected Total Cost to Date	Actual Cost to Date
Consent Decree (All Articles) *	\$1,763,007,440.03	\$1,229,384,482.84
Article 06 – Basin Repair, Replace, Rehab	\$1,290,008,023.19	\$893,598,098.00
All Other Articles Total Cost **	\$472,999,416.84	\$335,786,384.84
General Cost	\$38,374,062.00	\$23,137,367.00
Article 02 – Collection System Evaluation	\$85,604,653.00	\$59,793,543.00
Article 03 – Fats, Oils, Grease (FOG)	\$44,480,180.84	\$27,045,934.84
Article 04 – Flow Monitoring	\$35,010,776.00	\$19,377,026.00
Article 05 – Collection System Modeling	\$2,708,764.00	\$2,708,764.00
Article 07 – Basin Performance Assessment	\$11,330,165.00	\$146,697.00
Article 10 – Wastewater Pump Stations	\$201,280,452.00	\$167,912,485.00
Article 11 – Collection System O&M Plans	\$49,167,267.00	\$30,621,471.00
Supplemental Environmental Projects	\$5,043,097.00	\$5,043,097.00
Stipulated Penalties	\$2,445,100.00	\$2,251,694.87

* Includes the Article 06, All Other Articles Total Cost and Stipulated Penalties

** Does not include the Stipulated Penalties

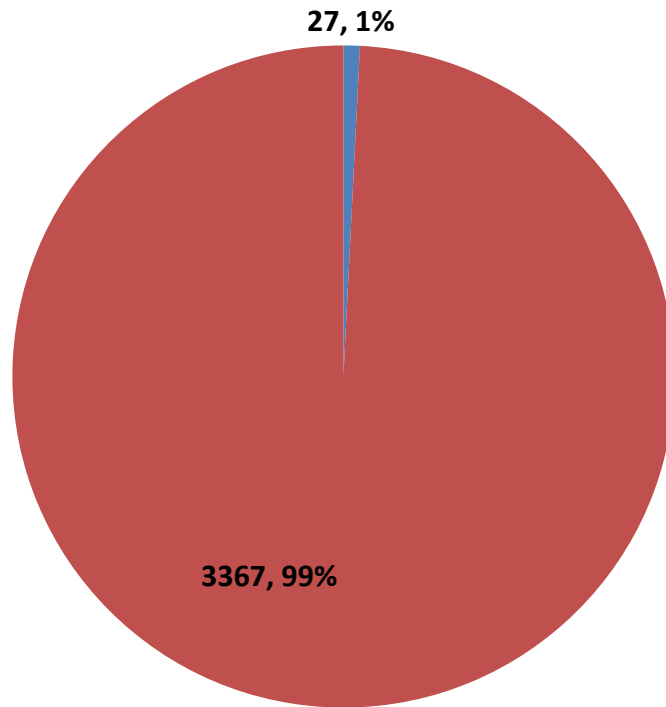
Areas of Concern

Rights of Entry (ROE)

- Total Outstanding ROE Decreased from 28 to 27
- General Counsel's Office and Land Unit Involvement Number decreased from 3 to 2
- No New ROE Letters to the County Governments Sent (Remains at 10)

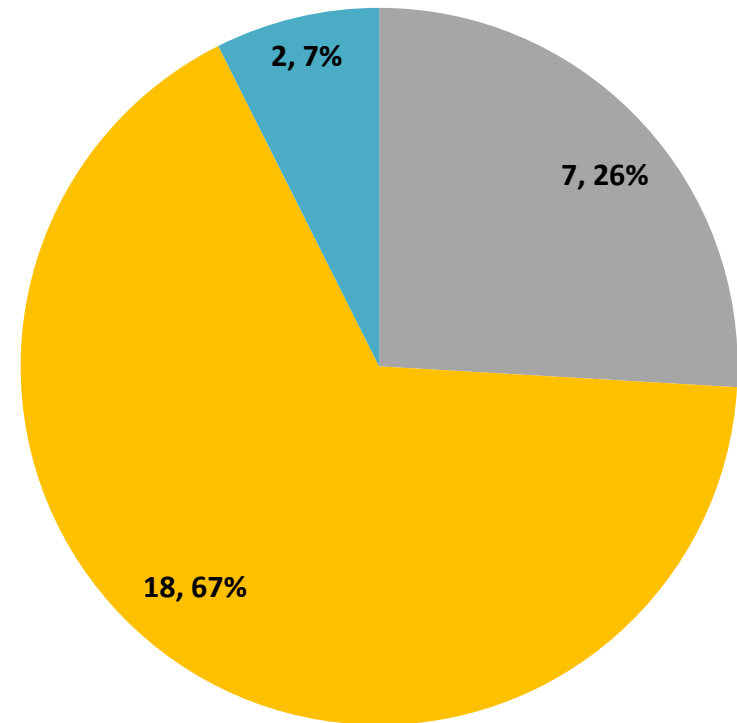
Areas of Concern Rights of Entry

Outstanding vs Received ROE's



■ Total Outstanding ■ Total Received

Remaining ROE's



- Private - Individual Home Owners
- Private - Home Owners Association
- Private - Commercial Enterprises
- Public - Governments, Utilities, Agencies
- WSSC Legal/Land Unit Involvement

Areas of Concern National Park Service (NPS)

NPS Sites Remain on the Critical Path

- Broad Creek WWPS and Force Main– Notice to Proceed Issued January 2017 with Substantial Completion Expected in 2019.
- Broad Creek Basin Projects – Special Use Permit (SUP) received on November 29, 2017.
- Oxon Run and Northeast Branch Basin Projects – Environmental Assessment is on going for both basins. WSSC conducted wetland survey on 12/6/17 to mitigate impact on NPS property.

Questions